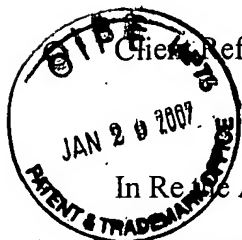


lfu

Docket Number: 051270-0305144

PATENT APPLICATION



Client Reference: H7729US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of

TORU HIRAI



Application No.: 10/705,794

Filed: November 7, 2003

Group Art Unit: 2615

Examiner: WALTER F. BRINEY III

Confirmation No.: 4793

For: ***MULTI-CHANNEL ECHO CANCEL METHOD, MULTI-CHANNEL SOUND TRANSFER METHOD, STEREO ECHO CANCELLER, STEREO SOUND TRANSFER APPARATUS AND TRANSFER FUNCTION CALCULATION APPARATUS***

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication to indicate that the references have been considered, per MPEP § 609.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR 1.97(e)(1).

The references were cited in a counterpart foreign application. English-language Abstracts of the non-English language references are attached hereto.

Respectfully Submitted,
PILLSBURY WINTHROP SHAW PITTMAN LLP



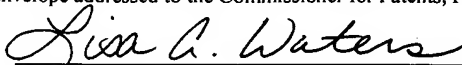
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CERTIFICATION UNDER 37 C.F.R. §§ 1.8 and/or 1.10*

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I hereby certify that, on the date shown below, this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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Date: January 25, 2007

Lisa A. Waters

(type or print name of person certifying)

* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.



PTO/SB/08b (07-05)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/705,794
Filing Date	11/07/2003
First Named Inventor	Toru Hirai
Art Unit	2615
Examiner Name	Walter F. Briney III
Attorney Docket Number	051270-0305144

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	TREVOR N. YENSEN, ET AL., "Synthetic Stereo Acoustic Echo Cancellation Structure for Multiple Participant VoIP Conferences," IEEE Transactions on Speech and Audio Processing, IEEE, Vol. 9 (No. 2), p. 168-174, (02/2001).	
	2	YANN JONCOUR AND AKIHIKO SUGIYAMA, "A Stereo Echo Canceller with Correct Echo-Path Identification and Good Sound Localization," Proceedings of the Digital Signal Processing Symposium of the IEICE of Japan, C&C Media Research Laboratories, NEC Corporation (Japan), p. 531-536, (1997).	X
	3	SUPPLEMENTARY EUROPEAN SEARCH REPORT, The Hague, Nov. 28, 2006	

Examiner
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Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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